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Applicant(s):	Rabbani et al.)	
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Serial No.:	08/978,636)	Group Art Unit: 1635
)	
Filed:	November 25, 1997)	Examiner: Mary M. Schmidt
)	
For:	NON-NATIVE POLYMERASE ENCODING)	
	NUCLEIC ACID CONSTRUCT)	
)	

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Group Art Unit: 1635

Examiner: Mary M. Schmidt

527 Madison Avenue, 9th Floor
New York, NY 10022-4304
March 7, 2003

FILED BY EXPRESS MAIL

Commissioner for Patents
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§1.56 & 1.97-1.98**

Dear Sirs:

Pursuant to the provisions of 37 C.F.R. §§1.97-1.98, and in full compliance with their duty of disclosure under 37 C.F.R. §1.56, Applicants, through their attorney, are bringing the following eighty-one (81) documents to the attention of the U.S. Patent and Trademark Office and the Examiner handling their above-identified application:

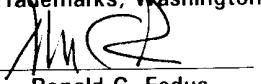
Elazar Rabbani et al.
Serial No. 08/978,636
Filed: November 25, 1997
Page 2 (Information Disclosure Statement Under 37 C.F.R. §§1.56 & 1.97-1.98
– March 7, 2003)

EXPRESS MAIL CERTIFICATE

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Deposit Date March 7, 2003

I hereby certify that this paper and the attachments
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Service "Express Mail Post Office to Addressee" service
under 37 CFR 1.10 on the date indicated above and is
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Ronald C. Fedus

Reg. No. 32,567

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Page 3 (Information Disclosure Statement Under 37 C.F.R. §§1.56 &
- March 7, 2003)

MAR 07 2003

1. Wu, G.Y. and Wu, C.H., U.S. Patent No. 5,166,320 issued November 24, 1992 [Exhibit 1];
2. Williams, D.A. and Patel, V.P., International Patent Application No. PCT/US95/03817 filed March 27, 1995, published as PCT Patent Application Publication Number WO 95/26200 published October 5, 1995 [Exhibit 2];
3. Ward, D.C. et al., U.S. Patent No. 4,687,732 issued August 18, 1987 [Exhibit 3];
4. Schwartz, D.A. et al., "Construction of a retrotransposon indicator, sequence using a neomycin resistance-encoding gene containing a functional intron," Gene 127:233-236 (1993) [Exhibit 4];
5. Dunn J.J. et al., "Targeting bacteriophage T7 RNA polymerase to the mammalian cell nucleus," Gene 68:259-266 (1988) [Exhibit 5];
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9. Davenloo, P. et al., "Cloning and expression of the gene for bacteriophage T7 RNA polymerase," Proc. Nat. Acad. Sci. U.S.A. 81: 2035-2039 (1984) [Exhibit 9];
10. Morris, C.E. et al., "Cloning and expression of the bacteriophage T3 RNA polymerase gene," Gene 41:193-200 (1986) [Exhibit 10];

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18. Zhou Z. et al., "Inhibition of HIV-1 in human T-lymphocytes by retrovirally transduced anti-tat and rev hammerhead ribozymes," Gene 149:33-39 (1994) [Exhibit 18]
19. Lisziewicz, J. et al., "Inhibition of human immunodeficiency virus type 1 replication by regulated expression of a polymeric Tat activation response RNA decoy as a strategy for gene therapy in AIDS," Proc. Natl. Acad. Sci. USA 90:8000-8004 (1993) [Exhibit 19]

Elazar Rabbani et al.
Serial No. 08/978,636
Filed: November 25, 1997
Page 5 (Information Disclosure Statement Under 37 C.F.R. §§1.56 & I.97-I.98
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Elazar Rabbani et al.
Serial No. 08/978,636
Filed: November 25, 1997
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Elazar Rabbani et al.
Serial No. 08/978,636
Filed: November 25, 1997
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Elazar Rabbani et al.
Serial No. 08/978,636
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Page 9 (Information Disclosure Statement Under 37 C.F.R. §§1.56 & 1.97-1.98
– March 7, 2003)

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63. Rafestin, M.E. et al., "Purification of N-Acetyl D-Glucosamine-Binding Proteins By Affinity Chromatography," FEBS Letters 40(1):62-66 (1974) [Exhibit 63]
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65. Kalderon D. et al., "A Short Amino Acid Sequence Able To Specify Nuclear Location," Cell 39:499-509 (1984) [Exhibit 65]
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72. Kozak, M.. "Point Mutations Define a Sequence Flanking the AUG Initiator Codon That Modulates Translation by Eukaryotic Ribosomes," Cell 44:283-292 (1984) [Exhibit 72]
73. Joshi, S. et al., "Inhibition of Human Immunodeficiency Virus Type 1 Multiplication by Antisense and Sense RNA Expression," Journal of Virology 65(10):5524-5530 (1991)] [Exhibit 73]
74. Szakiel, G. et al., "Specific inhibition of immunodeficiency virus type 1 replication by RNA transcribed in sense and antisense orientation from the 5'-leader/gag region," Biochemical and Biophysical Research Communication 169(2):643-651 (1990) [Exhibit 74]
75. Dunn, J.J. and Studier, F.W., "Complete Nucleotide Sequence of Bacteriophage T7 DNA and the Locations of T7 Genetic Elements," J. Mol. Biol. 166:477-535 (1983)] [Exhibit 75]
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78. Manser, T. and Gesteland, R.F., "Human U1 Loci" Genes for Human U1 RNA Have Dramatically Similar Genomic Environments," Cell 29:257-264 (1982)] [Exhibit 78]
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80. Laurence, J. et al., "Induction of Chronic Human Immunodeficiency Virus Infection Is Blocked In Vitro by a Methylphosphonate Oligodeoxynucleoside

Elazar Rabbani et al.
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Page 11 (Information Disclosure Statement Under 37 C.F.R. §§1.56 & I.97-I.98
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Targeted to a U3 Enhancer Element," The Journal of Virology 65(1):213-219 (1991) [Exhibit 80]

81. Soeiro, R. and Darnell, J.E., "Competition Hybridization by "Pre-saturation" of HeLa Cell DNA," J. Mol Biol 44:551-562 (1969) [Exhibit 81]

The above eighty-one documents [Exhibits 1-81] were cited in the instant specification.

A completed Form PTO-1449 listing the eighty-one above-submitted documents is also attached hereto as Exhibit A.

By this voluntary citation of art, Applicants and their attorney are requesting that the documents be made of record in the present application.

The above citation of documents is not a representation that these documents constitute a complete or exhaustive listing, nor that the above listing necessarily includes the closest or most relevant documents, nor are these documents necessarily a complete listing of all documents known to Applicants or their attorney. It is simply a voluntary citation of documents made in good faith, which is not intended to serve in any way as a substitute for the Examiner's own search.

In view of the general and specific features described and claimed in the present application, Applicants respectfully submit that the present invention is neither disclosed nor suggested by the documents referred to above and is thus patentably distinct thereover. Furthermore, Applicants do not believe, and do not submit, by the citation of these references, that these documents, either by themselves or in combination with other documents, render the invention *prima facie* obvious under the duty of disclosure rules.

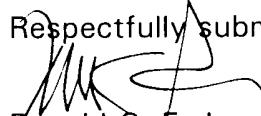
Applicants respectfully request that the Examiner make the above-submitted documents of record in the instant application. Applicants further request that the

Elazar Rabbani et al.
Serial No. 08/978,636
Filed: November 25, 1997
Page 12 (Information Disclosure Statement Under 37 C.F.R. §§1.56 & 1.97-1.98
– March 7, 2003)

Examiner consider these documents as any of them may relate to the instant application.

The fee under 37 C.F.R. §1.17(p) for filing this Information Disclosure Statement is \$180.00. The Patent and Trademark Office is hereby authorized to charge the amount of this fee (and any other fees in connection with this IDS) to Deposit Account No. 05-1135, or to credit any overpayment thereto.

Respectfully submitted,



Ronald C. Fedus

Registration No. 32,567
Attorney for Applicants

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* No document or publication is being submitted for this Exhibit due to technical difficulties.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Elazar Rabbani et al.

Serial No. 08/978,636

Group Art Unit: 1635

Filed: November 25, 1997

Examiner: Mary M. Schmidt

Title: NON-NATIVE POLYMERASE ENCODING
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Washington, D.C. 20231

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**TRANSMITTAL
INFORMATION DISCLOSURE STATEMENT**

Sir:

Transmitted herewith is an Information Disclosure Statement which is being filed in accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98. The items listed on Form PTO-1449, a copy of which is enclosed, may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. [] For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:

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"Express Mail" Label No. EL647884447US	
Deposit Date	March 7, 2003
I hereby certify that this paper and the attachments herein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington DC 20231.	
Ronald C. Fedus Reg. No. 32,567	Date <i>Mar 7 2003</i>

Elazar Rabbani et al.
Serial No.: 08/978,636
Filed: November 25, 1997
Page 2 [Information Disclosure Statement] -- March 7, 2003

2. [] For each of the following items listed on the enclosed copy of form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.

3. [] Any copy of the items on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in the prior [] Divisional or [] Continuation-In-Part application under 37 C.F.R. §1.60, U.S. Serial No. _____, filed _____.

4. [] No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

[] 37 C.F.R. §1.97(b)(1), within three months of the filing date of the above-identified application.

[] 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application.

[] 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits.

5. [] No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.

6. [x] A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):

[] A check in the amount of \$240.00 is enclosed in payment of the fee.

[x] Charge the fee to Deposit Account No. 05-1135, Order No. ENZ-53(D3). A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

7. [] A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:

- a. one of the certification pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and
- b. the attached petition requesting consideration of this Information Disclosure Statement; and
- c. the fee due under 37 C.F.R. §1.17(i)(1) which is paid as set forth in paragraph 10 below.

8. [] A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with:

- a. [] 37 C.F.R. §1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue;
- b. [] 37 C.F.R. §1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue.
- c. [] The fee due under 37 C.F.R. §1.17(i)(1) is paid as set forth in paragraph 10 below.

9. [] I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

[] I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in ?1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Elazar Rabbani et al.
Serial No.: 08/978,636
Filed: November 25, 1997
Page 4 [Information Disclosure Statement] -- March 7, 2003

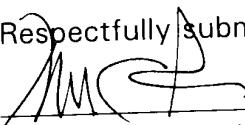
10. [] A check in the amount of \$130.00 is enclosed in payment of the fee due under 37 C.F.R. §1.17(i)(1).

[X] Charge the fee under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 05-1135. Order No. ENZ-53(D3). A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

[x] The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 05-1135. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Dated: March 7, 2003

By:

Respectfully submitted,

RONALD C. FEDUS
Registration No. 32,567
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MAR 07 2003								Filed: November 25, 1997	Group: 1635

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	5	1	6	6	3	2	0	11/24/92	Wu, G.Y.			
	4	6	8	7	7	3	2	8/18/87	Ward, D.C.			
	5	2	6	0	4	3	3	11/9/93	Engelhardt, D.			
	4	7	1	1	9	5	5	12/8/87	Ward D.C.			
	5	2	4	1	0	6	0	8/31/93	Engelhardt D.			
	4	7	0	7	4	4	0	11/17/87	Stavrianopoulos J.			

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